

Genomics in Critical Care Research Meeting

Willoughby Lecture Theatre,

Charterhouse Square, London EC1M 6BQ

Thursday 23rd February 2017

Gene expression

Chair: Charles Hinds

09:30 – 09:50

Gene expression patterns in sepsis

Katie Burnham

09:50 – 10:10

eQTLs in sepsis

Julian Knight

10:10 – 10:30

Candidate gene expression in trauma and sepsis

Hew Torrance/Michael O'Dwyer

10:30 – 11:00

Coffee

Epigenetics

Chair: Michael O'Dwyer

11:00 – 11:20

DNA methylation in trauma

Julie Borgel

11:20 – 11:40

Histone modification in sepsis

Sarah-Jane Turner

11:40 – 12:00

RNA sequencing in trauma

Tim Jones

12:00 – 12:20

miRNAs as determinants of ICU acquired weakness

Paul Kemp

12:20 – 13:30

Lunch

Genotyping

Chair: Tony Gordon

13:30 – 13:50

Metagenomics
Cyndi Goh

13:50 – 14:10

The “GenOMICC” study
Kenny Baillie

14:10 – 14:30

ARDS susceptibility and outcome
Alex Metzner

Clinical applications

Chair: Julian Knight

14:30 – 15:00

Precision medicine and pharmacogenetics
Tony Gordon

15:00 – 15:20

Integrating the “omics”
David Antcliffe

15:20 – 15:40

The host response to ECMO
Dan Melley

15:40 – 16:00

Tea

Discussion/Future Directions

Chairs: Charles Hinds, Julian Knight, Tony Gordon

Dean Rees House

18.00 – 19.00

Drinks reception

19.00 – 22.00

Dinner

